



Cur 2644

PTO/SB/21 (08-00)

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/670,870	
	Filing Date	09/27/00	
	First Named Inventor	Or-Shraga, Boaz	
	Group Art Unit	2644	
	Examiner Name	N/A	
Total Number of Pages in this Submission	7	Attorney Docket Number	CM00914S

ENCLOSURES		(check all that apply)
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-Related papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/Declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter with appropriate copies
<input type="checkbox"/> Extension of time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Response to Restriction Requirement
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Associate Power of Attorney
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> CD, Number of CDs	<input type="checkbox"/> RCE
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	<input type="checkbox"/> Copy of Notice to File Missing Parts Transmittal of Formal Drawings
<input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53		

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual	Steven R. Santema	Registration No.	40,156
Signature	<i>Steven R. Santema</i>		
Date	November 21, 2001		

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon, as first-class mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on the date listed below:			
Typed or printed name	Sheila Mannerino		
Signature	<i>Sheila Mannerino</i>	Date	November 21, 2001



#2/IDS  
1/25/02  
a2  
Docket Number CM00914S

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Or-Shraga, Boaz

Date: November 21, 2001

Attorney Docket No.: CM00914S

Serial No.: 09/670,870

Art Unit: 2644

Filing Date: 09/27/00

Examiner: N/A

For: Echo Suppression and Echo Cancellation

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CERTIFICATE OF MAILING

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I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED  
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WASHINGTON, D.C. 20231, ON: November 21, 2001  
Date of Deposit

MOTOROLA INC.  
Name of Assignee

*Shah M. Memon*  
SIGNATURE

11.21.01

DATE

INFORMATION DISCLOSURE STATEMENT (IDS)

Assistant Commissioner For Patents  
Washington, D.C. 20231

SIR:

In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are being submitted herewith for consideration by the United States Patent and Trademark Office.

I. COPIES

- a. ☒ A legible copy of (i) each U.S. and foreign patents; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith.
- b. ☐ Any patents, publications or other information which are listed on PTO/SB/08 which are not enclosed herewith were previously cited by or

submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. §120:

U.S. Serial Number

U.S. Filing Date

- II. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)
- a. ☒ Except as may be indicated below in (b) of this section, all of the patents, publications or other information are in the English language (concise explanation not required).
  - b. ☐ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
  - c. ☐ The following additional information is provided for the Examiner's consideration:

- III. ☐ CROSS REFERENCE TO RELATED APPLICATION(S)
- The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122.

Serial No.

Filing Date

Art Unit

**FEES**

- IV. ☒ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)
- a. ☐ within three months of the filing date of a national application (37 C.F.R. §1.97(b)(1)). No fee or statement is required.
  - b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.
  - c. ☒ before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or statement is required.
  - d. ☐ In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. §1.97(c) and see the statement under 37 C.F.R. §1.97(e) provided below, or if no statement has been made, charge deposit account 13-4772 the fee set forth in 37 C.F.R. §1.17(p).

V. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box)  
before the mailing date of either a Final Office Action under 37 C.F.R. §1.113  
(See 37 C.F.R. §1.97(c)), or a Notice of Allowance under 37 C.F.R. §1.311 (See  
37 C.F.R. §1.97(c)).

- a. ☐ No statement; therefore, charge deposit account 13-4772 the fee set forth  
in 37 C.F.R. §1.17(p).
- b. ☐ See the statement below. No fee is required.

VI. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(d):

on or before payment of the issue fee and is accompanied by the following:

- 1) a statement under 37 C.F.R. §1.97(e) as provided below;
- 2) Applicant(s) hereby a petition for consideration of this information  
disclosure statement; and
- 3) charge deposit account 13-4772 the petition fee set forth in §1.17(i).

VII. Statement under 37 C.F.R. §1.97(e) (check only one box, if applicable)  
The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was cited in a  
communication from a foreign Patent Office is a counterpart foreign  
application not more than three months prior to the filing of IDS; or
- b. ☐ no item of information contained in the IDS was cited in a  
communication from a foreign Patent Office in a counterpart foreign  
application, and to knowledge of the person signing the statement after  
making reasonable inquiry, no item of information contained in the IDS  
was known to any individual designated in 37 C.F.R. 1.56(c) more than  
three months prior to the filing of this statement, or
- c. ☐ some of the items of information contained in the IDS were cited in a  
communication from a foreign Patent Office. As to this information, the  
undersigned states that each item of information contained in the IDS  
was cited in a communication from a foreign Patent Office in a  
counterpart foreign application not more than three months prior to the  
filing of this IDS. As to the remaining information, the undersigned  
hereby states that no item of this remaining information contained in the  
IDS was cited in a communication from a foreign Patent Office in a  
counterpart foreign application or, to the knowledge of the person  
signing the statement after making reasonable inquiry, no item of  
information contained in the IDS was known to any individual

designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

VIII. PAYMENT OF FEES

- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the above-identified fee(s).
- ☐ Please charge Deposit Account No. 13-4772 in the amount of \$180.00 for the above-indicated fee(s).
- ☒ If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 13-4772.
- ☒ Two Copies of this paper are attached for Deposit Account charges and debits.

It is Applicants' opinion that the claims presently on file patently distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 13-4772.

Respectfully submitted,  
Or-Shraga, Boaz, et al.

*Steven R. Santema*

Steven R. Santema  
Attorney for Applicant(s)  
Reg. No. 40,156  
Tel. 847/576-6733

MOTOROLA, INC.  
Customer Number 22917

Enclosures: ☒ PTO/SB/08  
☒ References  
☐ Foreign Search Report  
☐ Other:



JAN 11 2007

**Complete if Known**

<b>Application Number</b>	09/670,870
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<b>Group Art Unit</b>	2644
<b>Examiner Name</b>	N/A
<b>Attorney Docket Number</b>	CM00914S

Sheet	1	Of	2	Attorney Docket Number	CM00914S
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[illegible][illegible]Date  
Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

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***Complete if Known***

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Sheet	2	of	2
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Examiner Signature		Date Considered	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English Language Translation is attached.